

**STATEMENT OF WORK (SOW)**

**for the**

**Inspect and Repair Only As Necessary (IROAN)**

**FIREFINDER RADAR SYSTEM, AN/TPQ-46A**

**NSN 5840-01-450-6708**

**SOW-02-833-1-08211D-2/1**

**16 April 2001**

STATEMENT OF WORK FOR THE  
IROAN of the Firefinder Radar System AN/TPQ-46A  
NSN 5840-01-450-6708

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STATEMENT OF WORK FOR THE  
IROAN of the Firefinder Radar System AN/TPQ-46A  
NSN 5840-01-450-6708

**1.0 Scope.** This Statement of Work (SOW) establishes, sets forth tasks, and identifies the work effort that shall be performed by the Contractor in the IROAN of the Firefinder Radar System AN/TPQ-46A, NSN 5840-01-450-6708, ID# 08211D, TAMCN A14407G; hereafter referred to as the Firefinder Radar. The Firefinder Radar major system components to be IROANED are; one OY-112A/TPQ Antenna Transceiver Group (ATG), two OV-103/U Generator Trailer Groups (GTG), one AN/TSQ-217 Equipment Set Trailer Mounted, one OK-650A/TPQ Operations Control Group (OCG), four High Mobility Multi-purpose Wheeled Vehicles (HMMWV). This document contains requirements to restore the Firefinder Radar to Condition Code "A". Condition Code A is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction, including materiel with more than 6 months shelf-life remaining."

**1.1 Background.** IROAN is defined as "that maintenance technique which determines the minimum repairs necessary to restore equipment, components or assemblies to prescribed maintenance serviceability standards by utilizing all available diagnostic equipment and test procedures in order to minimize disassembly and parts replacement."

**2.0 Applicable Documents.** The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

**2.1 Military Standards**

MIL-STD-129	DoD Standard Practice for Military Marking
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MIL-STD-2073-1D	DoD Standard Practice for Military Packaging
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**2.2 Other Government Documents and Publications:** The issues of those documents cited below shall be used.

SL-3-08211D	Components List for Radar Set, Firefinder
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SL-3-10441A	Components List for Generator Trailer Group
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97010A0000	Tech Data Pkg. for Firefinder System
DMWR-11-5840-354	Depot Maintenance Work Requirements for the Antenna Transceiver Group
SOW-01-835-1-09058C-1/1	SOW for M116A3 Trailer
SOW-01-835-2-08770A-2/1	IROAN SOW for HMMWV Series Trucks
MI-08211B-50/6	Modifications to Radar (V) 7
MI-08211B-50/7	Modifications to Radar (V) 8
TM-10-5411-224-14	Operator's, Unit, Direct Support & General Maintenance for Lightweight Multipurpose Shelters Model No. S-788/G Type III
TM-11-5840-380-10	Operators Manual Radar Set AN/TPQ-36(V)8
TM-11-5840-380-23-1	Unit and Direct Support Maintenance Manual (Functional Description and Maintenance Instructions) Radar Set AN/TPQ-36 (V)8
TM-11-5840-380-23-2	Unit and Direct Support Maintenance Manual (Extended Troubleshooting and Wire Lists) Radar Set AN/TPQ-36 (V)8
TM-11-5840-380-23P	Unit and Direct Support Repair Parts List OK-398(v)5/TPQ Operations Central and Equipment Trailer Group
DMS-584-380	Depot Maintenance Study
DoD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor furnished Materiel from the Federal Supply System
ATPD 2241	Vehicles, Wheeled: Preparation for Shipment and Storage of
PPP-G-2919	Generator Sets, Mobile Electric Power and Supplemental Equipment, Packaging of

**Military Handbooks (For Guidance)**

MIL-HDBK-61	Configuration Management Guidance
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**2.3 Industry Standards**

JESD625-A	Requirements for Handling Electrostatic-Discharge Sensitive ESDS Devices
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ANSI/ISO/ASQC Q9002-1994	Quality Systems – Model for Quality Assurance in Production, Installation and Servicing
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**Industry Standards (For Guidance)**

ANSI/EIA-649	National Census Standard for Configuration Management
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Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-2179 or DSN 442-2179, or <http://www.dodssp.daps.mil>." Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the contracting officer: Commander, Marine Corps Logistics Bases (Code 891), 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (229) 639-6753 or DSN 567-6753. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 851-3, 814 Radford Blvd. STE 20320, Albany, GA 31704-0320, commercial telephone number (229) 639-6410 or DSN 567-6410.

**3.0 Requirements**

**3.1 General Tasks:** In fulfilling the specified requirements, the Contractor shall provide materials, labor, equipment, facilities and missing/repair parts, necessary to inspect, diagnose, restore, and test the Firefinder Radar weapon system. Upon completion of repair, the subject item shall be Condition Code "A".

**3.2 Detail Tasks:** The following tasks describe the different phases for repair of the Firefinder Radar weapon system.

Phase I	Pre-Induction
Phase II	Repair
Phase III	Inspection, Testing and Acceptance
Phase IV	Packaging, Handling, Storage and Transportation

**3.2.1 Phase I Pre-Induction:** Upon induction of the Firefinder Radar into the contractor's facility the system shall be broken down into components including separating the Operations

Control Group Shelter OK-650A/TPQ from the HMMWV. All systems shall be evaluated for repair capability.

**3.2.1.1 AN/TPQ-46A System Pre-Induction Inspection and Inventory:** Upon receipt of the Firefinder Radar System an inspection/inventory shall be completed per the SL-3-08211D, SL-3-10441A and Tech Data Package 97010A0000 to determine any missing components or collateral gear. Any discrepancies shall be reported to the item manager, John Drake DSN 567-6611, on a report of discrepancy form SF 364 within five days of receipt.

**3.2.1.2 M1097A1 HMMWV Pre-Induction:** The HMMWV pre-induction process for the M1097A1's shall consist of a limited technical inspection (LTI) in accordance with SOW-01-835-2-08770A-2/1, paragraph 3.2.1. Report DA-2404 (Appendix A) and Standard Form 364 (Appendix B) shall be used to report all anomalies and shall be provided to the weapon system manager along with a copy of the LTI in accordance with section 4.0 of this SOW.

**3.2.1.3 M1038 and M998 HMMWV Pre-Induction:** The possibility exists that some replacement HMMWV's may be available at the time of induction for the M1038 and the M998. Upon receipt, and prior to induction, contact the item manager, John Drake at DSN 567-6611, to check on availability of replacement vehicles. If replacements are available proceed to paragraph 3.2.2.3 of this SOW. If no replacement vehicle is available proceed to the pre-induction process for the M1038 and the M998 in accordance with SOW-01-835-2-08770A-2/1. A pre-induction LTI inspection shall be performed for each HMMWV for evaluation of repair requirements. Report DA-2404 (Appendix A) and Standard Form 364 (Appendix B) shall be used to report all anomalies and shall be provided to the weapon system manager along with a copy of the LTI in accordance with section 4.0 of this SOW.

**3.2.1.4 Shelter Pre-Induction:** A pre-induction LTI inspection shall be performed for each OCG Shelter for evaluation of repair requirements. Report DA-2404 (Appendix A) and Standard Form 364 (Appendix B) shall be used to report all anomalies and shall be provided to the weapon system manager along with a copy of the LTI in accordance with section 4.0 of this SOW.

**3.2.1.5 Antenna Transceiver Group Pre-Induction:** A pre-induction LTI inspection on the Antenna Assembly shall be performed in accordance with DMWR-11-5840-354 for each ATG for evaluation of repair requirements. A separate LTI for the trailer portion of the ATG shall be performed to determine the maintenance requirements for the trailer. Report DA-2404 (Appendix A) and Standard Form 364 (Appendix B) shall be used to report all anomalies and shall be provided to the weapon system manager along with a copy of the LTI in accordance with section 4.0 of this SOW.

**3.2.1.6 Generator Trailer Group Pre-Induction:** A pre-induction LTI inspection shall be performed for each of the two GTGs for evaluation of repair requirements. Report DA-2404 (Appendix A) and Standard Form 364 (Appendix B) shall be used to report all anomalies and shall be provided to the weapon system manager along with a copy of the LTI in accordance with section 4.0 of this SOW.

**3.2.1.7 Equipment Set, Trailer Mounted Pre-Induction:** A pre-induction LTI inspection shall be performed for the Equipment Trailer Group for evaluation of repair requirements. Report DA-2404 (Appendix A) and Standard Form 364 (Appendix B) shall be used to report all anomalies and shall be provided to the weapon system manager along with a copy of the LTI in accordance with section 4.0 of this SOW.

**3.2.2 Phase II - Repair:** After pre-induction tests and inspections have been completed, repair of the Firefinder Radar weapon system shall be accomplished as five separate items, HMMWV vehicles (four per system), Operations Control Group Shelter (one per system), Antenna Transceiver Group (one per system), Generator Trailer Group (two per system), and Equipment Set, Trailer Mounted (one per system). Upon completion of the repair work the Firefinder Radar components shall be reconfigured as a system. The following Standards and Publications shall be used to assist the Contractor in restoring the Firefinder Radar System to condition code "A":

SL-3-08211D	Components List for Radar Set, Firefinder
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97010A0000	Tech Data Pkg. for Firefinder System
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**3.2.2.1 M1097A1 HMMWV Repair:** The vehicle shall have all discrepancies identified in the pre-induction LTI corrected using the Phase II - IROAN paragraph of SOW-01-835-2-08770A-2/1. Any modifications peculiar to the Firefinder Radar that are removed during the IROAN process shall be reinstalled. The following Standards and Publications shall be used to assist the Contractor in restoring the HMMWV's to condition code "A" in their correct Firefinder configuration:

SOW-01-835-2-08770A-2/1	SOW for HMMWV IROAN
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DMWR-11-5840-354	Depot Maintenance Work Requirements for the Antenna Transceiver Group
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MI-08211B-50/6	Modifications to Radar (v) 7
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MI-08211B-50/7	Modifications to Radar (V) 8
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97010A0000	Tech Data Pkg. for Firefinder System
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**3.2.2.2 M1038 and M998 HMMWV Repair:** *Note: The work identified in this paragraph is only authorized if the M1038 and M998 HMMWV's are not replaced by the item manager with new vehicles.* The vehicle shall be processed in accordance with the Phase II - IROAN paragraph of SOW-01-835-2-08770A-2/1. Any modifications peculiar to the Firefinder Radar that are removed during the IROAN process shall be reinstalled as part of this SOW. The following Standards and Publications shall be used to assist the Contractor in restoring the HMMWV's to condition code "A" in their correct Firefinder configuration:

SOW-01-835-08770A-2/1	SOW for HMMWV IROAN
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MI-08211B-50/6 Modifications to Radar (v) 7

MI-08211B-50/7 Modifications to Radar (V) 8

**3.2.2.3 M1038 and M998 HMMWV Replacement:** *Note: The work in this paragraph is only authorized if replacement vehicles are available for the M1038 and M998 HMMWV's.* The contractor shall remove all modifications previously applied to the turned-in HMMWV's. Upon removal the components shall be inspected and returned to condition code "A". The contractor shall apply the modifications to the new vehicles thereby bringing the configuration of the new vehicles up to the approved Firefinder System technical data package. The following Standards and Publications shall be used to assist the Contractor in restoring the HMMWV's to condition code "A" in their correct Firefinder configuration:

MI-08211B-50/6 Modifications to Radar (v) 7

MI-08211B-50/7 Modifications to Radar (V) 8

**3.2.2.4 Shelter Repair:** Deficiencies noted on the Pre-Induction LTI shall be repaired/replaced. Components or assemblies shall not be disassembled for replacement of parts unless that part has failed, or the component assembly wherein the part is located is disassembled for repair. The following Standards and Publications shall be used to assist the Contractor in restoring the OCG to condition code "A":

TM-10-5411-224-14 Operator's Unit, Direct Support & General  
Maintenance for Lightweight Multipurpose Shelters  
Model No. S-788/G Type III

TM-11-5840-380-10 Operators Manual Radar Set AN/TPQ-36(V)8

TM-11-5840-380-23-1 Unit and Direct Support Maintenance Manual  
(Functional Description and Maintenance Instructions)  
Radar Set AN/TPQ-36 (V)8

TM-11-5840-380-23-2 Unit and Direct Support Maintenance Manual  
(Extended Troubleshooting and Wire Lists) Radar Set  
AN/TPQ-36 (V)8

TM-11-5840-380-23P Unit and Direct Support Repair Parts List  
OK-398(v)5/TPQ Operations Central and Equipment  
Trailer Group

DMS-584-380 Depot Maintenance Study

Deficiencies noted on the Pre-Induction Checklist shall be repaired/replaced. Components or assemblies shall not be disassembled for replacement of parts unless that part has failed, or the component assembly wherein the part is located is disassembled for repair.

**3.2.2.5 Antenna Transceiver Group Repair:** Deficiencies noted on the Pre-Induction LTI for the Antenna shall be repaired/replaced to include painting and electrical/mechanical alignment with the exception of near field probe and tower track alignment. If the inspection indicates a need for near field probe or tower track alignment, the weapon system manager shall be contacted. The contractor shall also contact the weapon system manager prior to proceeding with any antenna array repairs.

The M116A3 trailers shall be brought to condition code "A" by repairing or replacing those items identified on the pre-induction inspection. In addition to the discrepancies noted, all rubber goods and hydraulic brake components shall be mandatory replacements. SOW-01-835-1-09058C-1/1 shall be used as a guide. The trailer shall be steam cleaned, undercoated and painted.

Components or assemblies shall not be disassembled for replacement of parts unless that part has failed or the component assembly wherein the part is located is disassembled for repair. The following Standards and Publications shall be used to assist the Contractor in restoring the Antenna Transceiver Group to condition code "A":

DMWR-11-5840-354	Depot Maintenance Work Requirements for the Antenna Transceiver Group
SOW-01-835-1-09058C-1/1	Statement of Work for M116A3 Trailer
MI-08211B-50/6	Modifications to Radar (v) 7
MI-08211B-50/7	Modifications to Radar (V) 8

**3.2.2.6 Generator Trailer Group Repair:** The Generator Trailer Group including the M116A3 trailers shall be brought to condition code "A" by repairing or replacing those items identified on the pre-induction inspection. In addition to the discrepancies noted, all rubber goods and hydraulic brake components shall be mandatory replacements. SOW-01-835-1-09058C-1/1 shall be used as a guide. The trailer shall be steam cleaned, undercoated and painted.

Components or assemblies shall not be disassembled for replacement of parts unless that part has failed or the component assembly wherein the part is located is disassembled for repair. The following Standards and Publications shall be used to assist the Contractor in restoring the Generator Trailer Group to condition code "A":

SOW-01-835-1-09058C-1/1	SOW for M116A3 Trailer
SL-3-10441A	Components List for Generator Trailer Group

**3.2.2.7 Equipment Set, Trailer Mounted Repair:** The Equipment Set, Trailer Mounted including the M116A3 trailers shall be brought to condition code "A" by repairing or replacing those items identified on the pre-induction inspection. In addition to the discrepancies noted, all rubber goods and hydraulic brake components shall be mandatory replacements. SOW-01-835-1-09058C-1/1 shall be used as a guide. The trailer shall be steam cleaned, undercoated and painted.

Components or assemblies shall not be disassembled for replacement of parts unless that part has failed or the component assembly wherein the part is located is disassembled for repair. The following Standards and Publications shall be used to assist the Contractor in restoring the Equipment Set, Trailer Mounted to condition code "A":

SOW-01-835-1-09058C-1/1      SOW for M116A3 Trailer

### **3.2.3 Phase III - Inspection, Testing and Acceptance**

a. Inspection, Testing and Acceptance of the HMMWV shall be conducted in accordance with SOW-01-835-2-08770A-2/1.

b. Inspection, Testing and Acceptance of the Antenna Transceiver Group shall be in accordance with DMWR 11-5840-354.

c. Inspection, Testing and Acceptance of the trailers shall be in accordance with SOW-01-835-1-09058C-1/1.

d. Inspection, Testing and Acceptance of the Operations Control Group and the Firefinder Radar as a "System" shall be in accordance with DMS-584-380.

e. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCLB (Code 833-1), Albany, GA representatives may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

### **3.2.4 Phase IV - Packaging, Handling, Storage and Transportation (PHS&T)**

a. The Contractor shall be responsible for preservation and packaging of item(s) being repaired under the terms of this statement of work. Items being prepared for long-term storage or shipment to overseas destinations shall be in accordance with the level "A" requirements of APTD 2241 for Wheeled Vehicles, MIL-STD-2073-1D, Appendix A, Table A.VI., Electronic Equipment, for the Antenna Group, Equipment Set and the Electrical Shelter, and PPP-G-2919 for the Generator Sets. Items being prepared for domestic shipment for immediate use or short-term storage shall be to the level "B" requirements, of their respective documents.

b. Marking for shipment and storage shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the contractor with the shipping address(es) for delivery of the repaired equipment. The Contractor shall be responsible for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the equipment to and from the contractor.

### **3.3 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM).**

GFE is government owned equipment authorized by contract for use by a

commercial/Government contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into the product being manufactured/remanufactured under a contract/statement of work. In the event the Marine Corps does have GFE/GFM requirements the Management Control Activity (MCA/827-2), Marine Corps Logistic Bases, Albany, will coordinate required GFE and will maintain a central control on Marine Corps assets in the Contractor's possession. The MCA will forward a GFE Accountability agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets. The Contractor shall report receipt of all GFM and report consumption of GFM to the MCA.

**3.4 Contractor Furnished Materiel.** The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.2A). In the event that Contractor Furnished Materiel is required for repair parts, the Contractor shall requisition through the DoD Supply System. DoD 4000.25-1-M, (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DoD Supply System.

**3.5 Electrostatic Discharge (ESD) Control Program:** The contractor shall establish, implement and document an ESD control program following the guidelines provided in JESD625-A. ESD protective measures shall be used during manufacturing, handling, inspection, test, marking, packaging, storing and transporting ESD sensitive components.

**3.6 Quality Assurance Provisions:** The Contractor shall provide and maintain a Quality System that as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9002-1994, Quality Systems - Model for Quality Assurance in Production, Installation, and Servicing. The program shall ensure quality throughout all areas to include fabrication, processing, assembly, inspection, test, maintenance, and preparation for delivery and shipping. Unless otherwise specified in the contract, the contractor shall be responsible for performance of all inspection requirements. The Government, MCLB Code 833-1, reserves the right to perform any of the inspections set forth in the contract where such inspections are deemed necessary to assure products and services conform to the prescribed requirements.

**3.7 Acceptance:** The performance of the Contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and Marine Corps (MCLB 833-1) representatives shall be permitted to observe the work or to conduct an inspection.

**3.8 Rejection:** Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCLB Code 833-1, Albany, representative. The Contractor shall, at no additional cost to MCLB, Albany, Georgia, correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures is demonstrated.

**3.9 Configuration Control:** The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an

item's documented performance or design characteristics without prior written authorization. All permanent changes to the form, fit or function of the baseline shall be by Engineering Change Proposal. MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing this configuration control document. If it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request for Deviation. MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing this configuration control document.

**4.0 Reports:** In fulfilling the specified requirements, the Contractor is required to submit reports via e-mail, unless otherwise specified to:

drakejd@matcom.usmc.mil	John Drake - Item manager
reynoldsfr@matcom.usmc.mil	Fred Reynolds - Weapon System Manager
wesleyja@matcom.usmc.mil	John Wesley - Equipment Specialist
townsendda@matcom.usmc.mil	SSgt David Townsend - Equipment Specialist

**4.1 Induction Checklist:** The Contractor shall complete the Pre-Induction Inspection LTI for HMMWVs, OCGs, GTGs, ATGs and Equipment Sets, Trailer Mounted for each Firefinder Radar weapon system inducted. One hard copy of each document shall be provided to Life Cycle Management Center, Attn: Code 833-1, 814 Radford Blvd. STE 20320, Albany, GA 31704-0320, after induction of the Firefinder Radar weapon system.

**4.2 Repairable Item Inspection Report:** The Contractor shall provide a Repairable Item Inspection Report for each Firefinder Radar weapon system to Life Cycle Management Center, Attn: Code 833-1, 814 Radford Blvd. STE 20320, Albany, GA 31704-0320. The report shall be identified by United States Marine Corps Serial Number.

**4.3 Monthly Progress Reports:** The Contractor shall provide a Monthly Status Report to Life Cycle Management Center, Attn: Code 833-1, 814 Radford Blvd. STE 20320, Albany, GA 31704-0320, summarizing the progress and status of the Firefinder Radar weapon system IROAN program. The reports shall be submitted by the 10<sup>th</sup> of each month.

## Appendix ( A )

## INSTRUCTIONS

DEPARTMENT OF DEFENSE: DLAR 4140.55/AR 735.11.2/NAVSUPINST 4440.127E/AFR 400.54/MCO 4430.3E, Reporting of Item and Packaging Discrepancies and/or DLAR 4140.60/AR 12-1.2/NAVSUPINST 4920.9B/AFR 67.7/MCO 4140.1B, processing Discrepancy Reports Against Foreign Military Sales Shipments.  
CIVILIAN AGENCIES: See 1 PMR handbook cited in 19 (2) (a).

REPORT OF DISCREPANCY (ROD)		DATE OF PREPARATION	REPORT NUMBER							
SHIPPING		PACKAGING								
3 TO (Name and Address, Include ZIP Code)		4 FROM (Name and Address, Include ZIP Code)								
5a SHIPPERS NAME		5b NUMBER AND DATE OF INVOICE	5c TRANSPORTATION DOCUMENT NUMBER (GBL, Waybill, TCN, etc.)							
7a SHIPPER'S NUMBER (Purchase Order, Shipment, Contract, etc.)	7b OFFICE ADMINISTERING CONTRACT		8 REQUISITIONER'S NUMBER (Requisition, Purchase Requisition, etc.)							
9 SHIPMENT, BILLING, AND RECEIPT DATA					10 DISCREPANCY DATA					11
NSN PART NUMBER AND NOMENCLATURE			UNIT OF ISSUE	QUANTITY SHIPPED-BILLED	QUANTITY RECEIVED	QUANTITY	UNIT PRICE	TOTAL COST	CODE	
(a)			(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
12 REMARKS (continue on separate sheet of paper if necessary)										

1. DISCREPANCY CODES		2. ACTION CODES
CONDITION OF MATERIAL	PRODUCT QUALITY DEFICIENCIES	1A - Disposition instructions requested (Reply on reverse) 1B - Material being retained (See Remarks) 1C - Supporting supply documentation requested 1D - Material still required, expedite shipment (Not applicable to FMS) 1E - Local purchase material to be returned at supplier's expense unless disposition instructions to the contrary are received within 15 days (Reply on reverse) (Not applicable to FMS) 1F - Replacement shipment requested (Not applicable to FMS) 1G - Reshipment not required - Item to be re-acquisitioned 1H - No action required - Information only 1Z - Other action requested (See remarks)
C1 - In condition other than that indicated on release receipt document	Q1 - Deficient material (Applicable to Grant Aid and FMS shipments)	
C2 - Expired shelf life	SHORTAGE OF MATERIAL	
C3 - Damaged parcel post shipment	S1 - Quantity less than that on receipt document	
SUPPLY DOCUMENTATION	S2 - Quantity less than that requested (Other than unit of issue pack)	
D1 - Not received	S3 - Non-receipt of parcel post shipments	
D2 - Illegible or mutilated	ITEM TECHNICAL DATA MARKINGS (i.e., Name Plates, Log Books, Operating Handbooks, Special Instructions, etc.)	
D3 - Incomplete, improper or without authority (Only when receipt cannot be properly processed)	T1 - Missing	
MISDIRECTED MATERIAL	T2 - Eligible or Mutilated	
M1 - Addressed to wrong activity	T3 - Precautionary operational markings missing	
OVERAGE/DUPLICATE SHIPMENTS	T4 - Inspection data missing or incomplete	
O1 - Quantity in excess of that on receipt document	T5 - Serviceability operating data missing or incomplete	
O2 - Quantity in excess of that requested (Other than unit of issue pack)	T6 - Warranty data missing	
O3 - Quantity duplicate shipment	WRONG ITEM (Identify requested item as a separate copy in item 9, above)	
PACKING DISCREPANCY	W1 - Incorrect item received	
P1 - Improper preservation	W2 - Unacceptable substitute	
P2 - Improper packing	OTHER DISCREPANCIES	
P3 - Improper Marking	Z1 - See Remarks	
P4 - Improper unitization		
13 FUNDING AND ACCOUNTING DATA		
14a TYPED OR PRINTED NAME, TITLE, AND PHONE NUMBER OF PREPARING OFFICIAL		14b SIGNATURE
15 DISTRIBUTION ADDRESSEES FOR COPIES		

16 Apr 2001

16 FROM		17 DISTRIBUTION ADDRESSES FOR DISTRIBUTION	
18 TO			Use window envelope to mail this document. Insert Name and address, including ZIP Code, starting one typing space below the left dot. Each address line must NOT extend beyond right dot. Address must not exceed four single space typing lines.
19 IN ACCORDANCE WITH NOTICE OF DISCREPANCY ON FACT OF THIS FORM			
a MATERIAL <input type="checkbox"/> HAS BEEN <input type="checkbox"/> WILL BE SHIPPED		b <input type="checkbox"/> NO RECORD OF SHIPMENT. RESUBMIT REPORT TO PROPER OFFICE UNDER	
c <input type="checkbox"/> AN ADJUSTMENT IN BILLING HAS BEEN-WILL BE PROCESSED <input type="checkbox"/> CREDIT <input type="checkbox"/> DEBIT		d <input type="checkbox"/> INVOICE BILL ATTACHED <input type="checkbox"/> PROOF OF DELIVERY	
f <input type="checkbox"/> AN ADJUSTMENT IN BILLING FOR THIS REPORTED DISCREPANCY WILL NOT BE PROCESSED FOR THE FOLLOWING REASON WHICH IS CITED IN THE INDICATED REGULATION			
(1) REASON FOR NOT PROCESSING		(2) PRESCRIBING REGULATION	
(a) DISCREPANCY WAS NOT REPORTED WITHIN THE TIME FRAMES ALLOWED AND/OR  (b) DOLLAR VALUE DOES NOT MEET THE CRITERIA PRESCRIBED IN THE REGULATION OR AGREEMENT INDICATED IN 191(2)		(a) CHAPTER 5 OF THE GSA HANDBOOK, DISCREPANCIES OR DEFICIENCIES IN GSA OR DOD SHIPMENTS, MATERIALS, OR BILLINGS (FPMR 101.26-8)  (b) CHAPTER 2 AND OR 7 OF DOD 4000.25-7 M, MILITARY STANDARD BILLING SYSTEM (MILBILLS) AND OR DD 1513, U.S. DOD OFFER AND ACCEPTANCE, AS APPLICABLE	
20 THE FOLLOWING DISPOSITION IS TO BE MADE OF THE REFERENCED MATERIAL			
a <input type="checkbox"/> PROCESS FOR DISPOSAL IN ACCORDANCE WITH SERVICE AGENCY DIRECTIVES		b <input type="checkbox"/> REPRESENTATIVE WILL CALL FOR DISCUSSION CONCERNING DISPOSITION	
c <input type="checkbox"/> RETAIN MATERIAL AT NO CHARGE		d <input type="checkbox"/> MATERIAL WILL BE PICKED UP IN	
e <input type="checkbox"/> SHIP MATERIAL. <i>Specify location</i>		(1) <input type="checkbox"/> GBL APPROPRIATION CHARGEABLE (2) <input type="checkbox"/> CHARGES COLLECT - VIA <input type="checkbox"/> FREIGHT <input type="checkbox"/> EXPRESS <input type="checkbox"/> PARCEL POST (3) <input type="checkbox"/> PARCEL POST LABEL ATTACHED (4) <input type="checkbox"/> FREIGHT PREPAID	
f <input type="checkbox"/> OTHER <i>Specify</i>			
21 <input type="checkbox"/> IF MATERIAL IS STILL REQUIRED, SUBMIT NEW REQUISITION		22 <input type="checkbox"/> REPLACEMENT WITH SATISFACTORY MATERIAL WILL BE MADE ON/OR BEFORE	
23 REMARKS (Continue on separate sheet of paper if necessary)			
24a TYPED OR PRINTED NAME AND PHONE NUMBER OF PREPARING OFFICIAL		24b SIGNATURE	
		24c DATE	

STANDARD FORM 364 BACK (REV. 2-80)

Appendix ( B )



(1 Data kem)

Form Approved  
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 170 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (1121-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government issuing Contract, not Officer, for the Contract, P/N, listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
		TDP _____ TM _____ OTHER _____ <div style="text-align: right;">X</div>

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Firefinder Radar Weapon System		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A001	Contractor's Progress, Status, and Management Report	Management

4. AUTHORITY (Data Acquisition Document No.): DI-MGMT-80227	5. CONTRACT REFERENCE SOW 4.3	6. REQUIRING OFFICE MCLBA (833)
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY MONTHLY	12. DATE OF FIRST SUBMISSION See Blk 16	14. DISTRIBUTION			
8. APP CODE	A	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION See Blk 16	a. ADDRESSEE	b. COPIES		
					Orig:	Final:	
					Reg:	Recd:	

[illegible]

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
<i>[Signature]</i>	4/20/01	<i>[Signature]</i>	4/20/01

18. ESTIMATED  
TOTAL PRICE

(1 Data Item)

Form Approved  
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 100 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of the collection of information, including suggestions for reducing the burden, to: Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, (2030-0185), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract ID No. listed in Block 2.

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

# CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved

OMB No. 0704 0188

The public reporting burden for this collection of information is estimated to average 10 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704 0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TOP _____ TM _____ OTHER _____
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D. SYSTEM/ITEM Firefinder Radar Weapon System	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. C002	2. TITLE OF DATA ITEM Engineering Change Proposal	3. SUBTITLE Configuration Management
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80639C	5. CONTRACT REFERENCE SOW 3.9	6. REQUIRING OFFICE MCLBA (851)
--	----------------------------------	------------------------------------

7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED A	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION See Blk 16	14. DISTRIBUTION a. ADDRESSEE b. CCF-ES Draft: Req Final Repro
8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION See Blk 16		

16. REMARKS Blk 4 - Contractor format in .doc or .pdf format is authorized. Blks 10 & 12 - ECPs shall be submitted for all proposed changes which permanently affect the baseline of a configuration item. ECPs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government. ECPs shall be submitted via e-mail to the following address: mbmatcomconfigmgmnt@matecom.usmc.mil  Distribution Statement A: Approved for public release, distribution is unlimited.	MCLB (851-2)	0	1	0
	15. TOTAL		0	1

G. PREPARED BY <i>[Signature]</i>	H. DATE <i>8/9/96</i>	I. APPROVED BY <i>[Signature]</i>	J. DATE <i>8/20/96</i>
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

(1 Data Item)

OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 170 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to: Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 6701 11th St., 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER _____ <input checked="" type="checkbox"/>
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D. SYSTEM/ITEM Firefinder Radar Weapon System	E. CONTRACT/PR NO.	F. CONTRACTOR
--	--------------------	---------------

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
C001	Request For Deviation	Configuration Management

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-80640C	SOW 3.9	MCLBA (851)

7. DO 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION See Blk 16	14. DISTRIBUTION b. C3F ES
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8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a ADDRESSEE	<table border="1"> <tr> <td rowspan="2">Draft</td> <td colspan="2">Final</td> </tr> <tr> <td>Rev</td> <td>Repro</td> </tr> </table>	Draft	Final		Rev	Repro
Draft	Final								
	Rev	Repro							

16. REMARKS Blk 4 - Contractor format in .doc or .pdf format is authorized.	MCLBA (851-2)	0	1	0
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Blks 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation.

RFDs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government.

RFDs shall be submitted via e-mail to the following address:  
mbmatcomconfigmgmnt@matcom.usmc.mil

Distribution Statement A: Approved for public release, distribution is unlimited.

[illegible]

G. PREPARED BY <i>Mr. C. C. [Signature]</i>	H. DATE <i>3/27/01</i>	I. APPROVED BY <i>[Signature]</i>	J. DATE <i>4/20/01</i>
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